

Appl. No. 10/064,357
Amdt. dated October 19, 2004
Reply to Office action dated 10/01/2004

Amendments to the Claims:

Claim 1 (previously amended): A wireless pointing device for a computer,
5 the wireless pointing device capable of being charged by an induction
power device, the induction power device comprising:
a base with a flat-plate; and
a first induction coil installed corresponding to a position of the
flat-plate for transforming an electrical power of a power source
10 to an induction magnetic field; and
the wireless pointing device comprising:
a housing with a contact plane corresponding to the flat-plate;
a control key installed on the housing for generating a control signal
corresponding to a user's control;
15 a signal module electrically connected to the control key for
transmitting the control signal through radio waves;
a second induction coil installed inside the housing corresponding to a
position of the contact plane for receiving the induction
magnetic field through the contact plane in a magnetic induction
20 manner, an effective cross-sectional area of the second induction
coil being smaller than an effective cross-sectional area of the
first induction coil;
a power module electrically connected to the second induction coil for
transforming the induction magnetic field received by the second
25 induction coil to a corresponding electrical power; and
a storage module for storing the electrical power generated by the
power module so that the storage module is capable of providing

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the electrical power to the wireless pointing device;
wherein when the contact plane of the wireless pointing device is put
on the flat-plate of the induction power device, the second
5 induction coil of the wireless point device receives the induction
magnetic field generated by the first induction coil so that the
wireless pointing device is capable of being charged by the
induction power device.

10 Claim 2 (previously amended): The wireless pointing device of claim 1
wherein a first fixer is installed in the induction power device
corresponding to the position of the flat-plate, and a second fixer is
installed on the contact plane corresponding to the first fixer, and
when the contact plane of the wireless pointing device is put on the
15 flat-plate of the induction power device, the first fixer brakes the
second fixer so as to fix the position of the wireless pointing device
and make the position of the first induction coil align with the
position of the second induction coil.

20 Claim 3 (original): The wireless pointing device of claim 2 wherein the
first fixer is a magnet.

Claim 4 (original): The wireless pointing device of claim 2 wherein the
second fixer is a magnet.

25 Claim 5 (original): The wireless pointing device of claim 1 being a wireless
mouse.

Claim 6 (original): The wireless pointing device of claim 1 wherein the

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computer comprises a receiving module for receiving the radio control signal transmitted from the wireless pointing device.

- 5 Claim 7 (withdrawn): A wireless earphone for a broadcast system, the broadcast system emitting a radio broadcast signal, the wireless earphone capable of being charged by an induction power device, the induction power device comprising:
- 10 a base with a flat-plate;
a first induction coil installed corresponding to a position of the flat-plate for transforming an electrical power of a power source to an induction magnetic field; and
a first fixer installed inside the base;
the wireless earphone comprising:
- 15 a housing with a contact plane corresponding to the flat-plate;
a signal module for receiving the radio broadcast signal of the broadcast system and generating corresponding music signal;
a loudspeaker electrically connected to the signal module for playing the music signal;
- 20 a second induction coil installed inside the housing corresponding to a position of the contact plane for receiving the induction magnetic field through the contact plane in a magnetic induction manner;
a second fixer installed inside the housing for aligning the first
- 25 induction coil with the second induction coil;
a power module electrically connected to the second induction coil for transforming the induction magnetic field received by the second induction coil to a corresponding electrical power; and
a storage module for storing the electrical power generated by the

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power module so that the storage module is capable of providing
the electrical power to the wireless earphone;
wherein when the contact plane of the wireless earphone is put on the
5 flat-plate of the induction power device, the second induction
coil of the wireless earphone receives the induction magnetic
field generated by the first induction coil so that the wireless
earphone is capable of being charged by the induction power
device.

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Claim 8 (canceled)

Claim 9 (withdrawn): The wireless earphone of claim 7 wherein the first
fixer is a magnet.

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Claim 10 (canceled)

Claim 11 (withdrawn): The wireless earphone of claim 7 further comprising
a microphone for receiving speech sound of users and generating a
20 corresponding sound signal.

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Claim 12 (withdrawn): The wireless earphone of claim 11 wherein the
signal module is capable of transmitting the sound signal through
radio waves, and the broadcast system is capable of receiving the
25 radio sound signal.

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Claim 13 (withdrawn): The wireless earphone of claim 7 being a bluetooth
wireless earphone.

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Claim 14 (previously presented): An electronic device comprising:

a base with a surface;

an induction coil installed corresponding to a position of the surface;

5 **and**

**a fixer installed inside the base for aligning the induction coil of the
magnetoelectric device with an external induction coil.**

10 **Claim 15 (previously presented): The electronic device of claim 14 wherein
the fixer is a magnet.**

**Claim 16 (previously presented): The electronic device of claim 14 further
comprising a power source coupled to the induction coil for supplying
the induction coil with electrical power.**

15 **Claim 17 (previously presented): The electronic device of claim 14 further
comprising:**

a power module electrically connected to the induction coil for

20 **transforming an induced magnetic field received by the induction
coil to corresponding electrical power; and**

**a storage module for storing the electrical power generated by the
power module.**

25 **Claim 18 (previously presented): The electronic device of claim 14 further
comprising:**

**a control key installed on the housing for generating a control signal;
and**

**a signal module electrically connected to the control key for
transmitting the control signal through radio waves.**

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Claim 19 (withdrawn): The electronic device of claim 14 further
comprising:

- 5 a signal module for receiving radio broadcast signals and generating
 corresponding audio signals;
 a loudspeaker electrically connected to the signal module for playing
 the audio signals.

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